

## MOTOR STATOR AND HEAT SINK SYSTEM

### ABSTRACT OF THE DISCLOSURE

A plurality of similarly configured plates have an essentially circular exterior peripheral ring and an essentially circular interior opening with a plurality of radial legs extending inwardly from the ring with an exterior diameter. A plurality of similarly configured thin fins has an essentially circular exterior peripheral ring with an exterior diameter, an essentially circular interior opening, and a plurality of radial legs extending inwardly from the ring. The exterior diameter of the fins is greater than the exterior diameter of the plates. The plurality of plates are in stacks with their rings, openings and spaces in alignment. Each of a plurality of fins is located between a stack of plates. The rings, openings and spaces of the fins are in alignment with the rings, openings and spaces of the plates.